### INTERNATIONALSEARCHREPORT

International application No.

PCT/JP2004/011028

## CLASSIFICATIONOFSUBJECTMATTER

Int.Cl<sup>2</sup> H01M 4/02, H01M 4/62, H01M 4/58, H01M 4/48, H01M 10/40

According to International Patent Classification (IPC) or to both national classification and IPC

#### FIELDS SEARCHED

Minimum do	ocumentation searched (classification system followed by	classification symbols)		
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"A" docume conside	categories of cited documents: ent defining the general state of the art which is not tred to be of particular relevance	"T" later document published after the i priority date and not in conflict with understand the principle or theory un	nternational filing date of the application but cited to aderlying the invention	
national filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other combined with one or more of the co		"X" document of particular relevance; the be considered novel or cannot be inventive step when the document	the claimed invention cannot	
		"Y" document of particular relevance; the be considered to involve an inventive combined with one or more other	claimed invention cannot step when the document is	
than the	ent published prior to the international filing date but later e priority date claimed	combination being obvious to a personal "&" document member of the same pater		
Date of the a	10.11.2004	Date of mailing of the international search		
Name and m	ailing address of the ISA/JP	Authorized officer	<del></del>	
	Japan Patent Office	Hitoshi AMANO	4X 9151	
	umigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Telephone No. +81-3-3581-1101 E	xt. 3477	

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